

General Biology Set 2 MCQ Question Answer

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Question: 1. Calcium and phosphorus assimilation will depend on sufficient intake of

- Option A. vitamin B complex
- Option B. vitamin D
- Option C. vitamin A
- Option D. vitamin C

Question: 2. Vitamin D deficiency leads to

- Option A. sterility
- Option B. pellagra
- Option C. rickets
- Option D. capillary fragility

Question: 3. Kwashiorkor is characterised by

- Option A. dermatitis, changes in hair pigments and retarded brain growth
- Option B. excretion of creatine in excess
- Option C. tyrosinosis and alcaptonuria
- Option D. None of these

Question: 4. Kwashiorkor is a deficiency disease

- Option A. due to poor intake of proteins
- Option B. due to poor intake of carbohydrates
- Option C. due to (a) and (b)
- Option D. due to poor intake of lipids

Question: 5. Modern classification of the living world recognise _____ kingdoms.

- Option A. two
- Option B. three
- Option C. four
- Option D. five

Question: 6. Pearl is secreted by the _____ of the pearl oyster.

- Option A. foot
- Option B. mantle
- Option C. gills
- Option D. None of these

Question: 7. The country where commercial production of cultured pearls is undertaken on large scale is

- Option A. India
- Option B. Mexico
- Option C. Netherlands
- Option D. Japan

Question: 8. Spiders can take only

- Option A. solid food
- Option B. liquid food
- Option C. plant juice
- Option D. flesh of dead animals

Question: 9. Lizards, snakes, crocodiles and turtles belong to the class

- Option A. Aves
- Option B. Reptilia
- Option C. Mammalia
- Option D. Amphibia

Question: 10. Warm-bloodedness

- Option A. means, animals living in warm climates
- Option B. means, the warming up of blood as the temperature increases during day time
- Option C. is characterised by constant body temperature
- Option D. is shown by reptiles

Question: 11. The dinosaurs (terrible lizards) became very successful during

- Option A. Palaeozoic era
- Option B. Mesozoic era
- Option C. Cenozoic era
- Option D. Archaeozoic era

Question: 12. From the end of the Triassic to the cretaceous period the earth was ruled by

- Option A. eurypterids
- Option B. cotylosaurs
- Option C. dinosaurs
- Option D. mammals

Question: 13. Who was the first scientist to use an instrument for biological studies in 1665?

- Option A. Robert Hooke
- Option B. Schwann
- Option C. Schleiden
- Option D. None of the above

Question: 14. The two German scientists who proposed the 'cell theory' were

- Option A. Mendel and 'Darwin
- Option B. Theodore Schwann and Matthias Schleiden
- Option C. Virchow and Purkinje
- Option D. porter and Palade

Question: 15. Which one of the following cells helps in storing water and food materials?

- Option A. Parenchyma cell
- Option B. Flame cell
- Option C. Nematoblast
- Option D. None of the above

Question: 16. Nucleus was first discovered by

- Option A. Porter
- Option B. Robert Brown
- Option C. Palade
- Option D. None of these

Question: 17. Which of the following organelles is known as the 'power House' of the cell?

- Option A. Golgi Bodies
- Option B. Ribosomes
- Option C. Mitochondria
- Option D. None of these

Question: 18. The smallest size of a cell which can be seen directly by the eye is

- Option A. One micron
- Option B. 10 micron
- Option C. 100 micron
- Option D. 1000 micron

Question: 19. The primary energy for living organisms is

- Option A. Solar energy
- Option B. Chemical energy
- Option C. Mitochondria
- Option D. ATP

Question: 20. The cortex of human brain normally consists of

- Option A. five billion, two hundred million cells
- Option B. nine billion, two hundred million cells
- Option C. six billion, two hundred million cells
- Option D. eight billion, two hundred million cells

Question: 21. The plant cells are surrounded rigidly by

- Option A. plasmalemma
- Option B. cell membrane
- Option C. cell wall
- Option D. plasma membrane

Question: 22. Which of the following plays an important part in photosynthesis?

- Option A. Chloroplast
- Option B. Centrosome
- Option C. Tonoplast
- Option D. Nematoblast

Question: 23. Total number of amino acids in plants is

- Option A. 10
- Option B. 20
- Option C. 30
- Option D. Plenty

Question: 24. The protein synthesis takes place in

- Option A. Ribosomes
- Option B. Chromosomes
- Option C. DNA
- Option D. None of these

Question: 25. Heart is made up of

- Option A. nonstriated muscle
- Option B. cardiac muscle
- Option C. connective tissue
- Option D. nervous tissue

Question: 26. Dr Khorana's work relates to

- Option A. synthesis of simple DNA
- Option B. genetic code
- Option C. reduction of mutation
- Option D. synthesis of RNA from bacterial cell

Question: 27. The function of connective tissue is

- Option A. to hold the other tissues together
- Option B. to facilitate diffusion
- Option C. to help transportation of dissolved material from capillaries to epithelial cells
- Option D. protection

Question: 28. The science of improving the hereditary qualities of future generations of mankind is referred to as

- Option A. genetics
- Option B. eugenics
- Option C. epigenesist
- Option D. epistasis

Question: 29. The cell theory of Schleiden and Schwann states that

- Option A. cells reproduce by mitosis or meiosis
- Option B. all cells have nuclei
- Option C. cells are basic units of plants and animals
- Option D. cells arise only from pre-existing cells

Question: 30. In movable joints the tips of the bones are covered with

- Option A. hyaline cartilage
- Option B. calcified cartilage
- Option C. elastic cartilage
- Option D. fibrous cartilage

Answer Sheet

1	B	
2	C	
3	A	
4	A	
5	D	
6	B	
7	D	
8	B	
9	B	
10	C	
11	B	
12	C	
13	A	
14	B	
15	A	
16	B	
17	C	
18	C	
19	A	
20	B	
21	C	
22	A	
23	B	
24	A	
25	B	
26	B	
27	A	
28	B	
29	C	
30	A	